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Biochemical Composition and Activity of Medicinal Plants and Food

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Message from the Guest Editors

Recently, much attention has been paid to extracts and biologically active compounds isolated from plant species with the aim of analyzing their pharmacological activities. The structural diversity of bioactive compounds and their almost ubiquitous presence in plants present a challenge in optimizing new extraction strategies that are environmentally friendly. Moreover, for their use in human health, encapsulation strategies to enhance the overall bioavailability of bioactive compounds are also a rising trend. Ground-breaking developments in research methodology and interdisciplinary scientific approaches in medicinal plant research are giving rise to innovative standpoints.

The current Special Issue will provide a platform for generating data and disseminating the recent research available in this sphere, especially focusing on the molecular aspects, throughout the world in the form of valuable studies, reviews, and mini-reviews related to future prospects in medicinal plants and their applications. Importantly, the exact active ingredient of these natural-origin extracts must be reported in the submitted manuscripts.



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Special Issue